

Title (en)

DYNAMIC TIME-SLOT ALLOCATION AND QOS PRIORITY ACCESS IN A MOBILE AD HOC NETWORK

Title (de)

DYNAMISCHE ZEITSCHLITZZUTEILUNG UND QOS-PRIORITÄTSZUGANG IN EINEM MOBIL-AD-HOC-NETZ

Title (fr)

PROCEDE ET SYSTEME DE CONTROLE D'ACCES A UN MEDIA ATTRIBUANT DES CRENEAUX DYNAMIQUES DE TEMPS ET DES PRIORITES D'ACCES DE QOS DANS UN RESEAU MOBILE AD HOC

Publication

**EP 1949617 A2 20080730 (EN)**

Application

**EP 06796169 A 20061015**

Priority

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- GB 0522197 A 20051031

Abstract (en)

[origin: WO2007052249A2] Method and system for allocating a transmission time slot to a node in a dynamic transmission network wherein nodes may have different Media Access Priority Levels. In a present schedule, each node is allocated a transmission allocation having in each transmission-access cycle a number of transmission time slots that is a function of a respective Media Access Priority Level of the node and wherein there is a registration slot allocation of at least one slot in an aggregation of cycles of communications slots. At least two nodes actively renew their respective transmission allocations in a next schedule by transmitting in at least one of its transmission allocation slots in a present schedule. Any node of the plurality of nodes may apply to the at least two nodes for allocation of at least one transmission slot in the next schedule, by transmitting a request for transmission reservation during a registration slot to the at least two nodes who are actively renewing their transmission allocation; and at least one registration slot is allocated in the next schedule.

IPC 8 full level

**H04L 12/56** (2006.01)

CPC (source: EP GB US)

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Citation (search report)

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